

T496, Tantalum, MnO2 Tantalum, Fused, 10 uF, 20%, 16 VDC, SMD, MnO2, Molded, Fused, N/A, 2 Ohms, 6032, Height Max = 2.8mm



Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T496
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Fused
Features:	Integral Fuse
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
SCIP Number:	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination:	Solder Coated
AEC-Q200:	No
Component Weight:	224.48 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	2000 mOhms (100kHz 25C)
Ripple Current:	235 mA (rms, 100kHz 25C), 211.5 mA (rms, 85C), 94 mA (rms, 125C)
Leakage Current:	1.6 uA (5min 25°C)

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